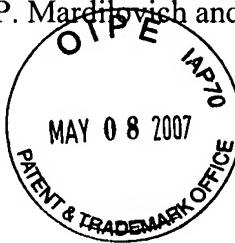


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yi Hua Ma, Ivan P. Mardikovich and Erik E. Engwall  
Application No.: 10/804,847 Group: 1762  
Filed: March 19, 2004 Examiner: William P. Fletcher, III  
Confirmation No.: 7500  
For: METHOD FOR FABRICATING COMPOSITE GAS SEPARATION MODULES



CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

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Rhonda Scherer

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RHONDA SCHERER

Typed or printed name of person signing certificate

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

under 37 CFR 1.97(c) together with either:  
 a Statement under 37 CFR 1.97(e), as checked below, or  
 a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97(d) together with:  
 a Statement under 37 CFR 1.97(e), as checked below, and  
 a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application file.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

## Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

*Applies to original applications (other than design) filed on or after May 29, 2000*

- Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- Enclosed herewith is form PTO-1449:
  - Copies of the cited references are enclosed.
    - Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
  - Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
  - The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
  - The “concise explanation” requirement (non-English references) for reference(s) AL under 37 CFR 1.98(a)(3) is satisfied by:
    - the explanation provided on the attached sheet.
    - the explanation provided in the Specification.
    - submission of the enclosed International Search Report.
    - submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
    - the enclosed English language abstract.

Applicant requests that the following non-published pending applications be considered:  
*(Affix a label or apply the stamp "Non-Published IDS Reference - Do Not Scan" to the front of each unpublished pending appl'n.)*

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
 \_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
 \_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_ Examiner

\_\_\_\_ Date

A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.

A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.

Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Colin C. Durham

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Concord, MA 01742-9133

Dated: 5/4/2007

May 1, 2007



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Rhonda Scherer

Signature

RHONDA SCHERER

Typed or printed name of person signing certificate

### REMARKS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants filed an Information Disclosure Statement on November 2, 2004, containing reference **AL**, Patent Abstracts of Japan for Patent Publication No. 05-85702. Applicants have obtained a copy of Japanese Patent Publication No. 05-85702, an English-language machine translation of Japanese Patent Publication No. 05-85702, and an English-language translation of Japanese Patent Publication No. 05-85702. Applicants are herewith filing a Supplemental Information Disclosure Statement containing newly submitted reference **AL** that includes the original Patent Abstracts of Japan and also the above-described related documents.

Applicants request that the Examiner consider newly submitted reference **AL**.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

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Registration No.: 52,843

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: 5/4/2007

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847
<b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>		FIRST NAMED INVENTOR Yi Hua Ma	FILING DATE March 19, 2004
May 4, 2007  (Use several sheets if necessary)		EXAMINER William P. Fletcher, III	CONFIRMATION NO. 7500
			GROUP 1762

*PTO-1449 REPRODUCED*

*May 08 2007*

*1AP70*

*PTO-1449 REPRODUCED*

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES	NO
	AL	JP 5085702	04-06-1993	Mitsubishi Heavy Ind. Ltd.	X	

EXAMINER	DATE CONSIDERED
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